

Converting Colors

XYZ(21.3941, 15.4227, 16.0366)

Have a look what the booklet for
XYZ(21.3941, 15.4227, 16.0366)
contains.

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Color

**XYZ(21.3941, 15.4227,
16.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	A5546C
RGB	165, 84, 108
RGB Percent	65%, 33%, 42%
CMY	0.3529, 0.6706, 0.5765
CMYK	0.00, 0.49, 0.35, 0.35
HSL	342°, 33%, 49%
HSV	342°, 49%, 65%
XYZ	21.3941, 15.4227, 16.0366
YIQ	110.9550, 40.5720, 24.6360

Conversions

Conversions Part 2

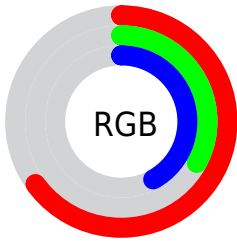
Format	Color
R _Y B	165, 84, 108
Decimal	10835052
CIE Lab	46.21, 36.01, 1.63
CIE LCh	46, 36.051, 2.599
Yxy	15.4227, 0.4048, 0.2918
Android (android.graphics.Color)	4289025132 (0xFFA5546C)
YUV	110.9550, -1.4568, 47.3975
Hunter-Lab	39.2717, 28.5160, 3.2792

Details

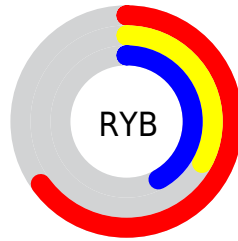
The XYZ color **21.3941, 15.4227, 16.0366** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.9198, 30.7185, 29.9750**, and the grayscale version is **15.0927, 15.8787, 17.2919**.

A 20% lighter version of the original color is **45.1864, 35.6411, 37.2987**, and **7.8447, 4.7960, 4.9271** is the 20% darker color. If you saturate the color by 10%, you get **19.6836, 12.9257, 12.6179**, and if you desaturate by 10%, it is **23.4894, 18.5575, 19.9901**.

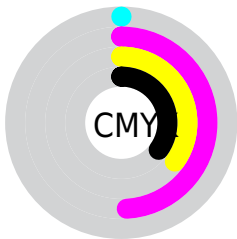
Distribution



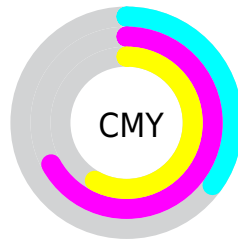
- Red (65%)
- Green (33%)
- Blue (42%)



- Red (65%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (35%)
- Black (35%)



- Cyan (35%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3941, 15.4227, 16.0366 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.3941, 15.4227, 16.0366 by changing the saturation by 10% instead.

21.3941, 15.4227,
16.0366

21.3941, 15.4227,
16.0366

252.0578,
225.9106, 241.4107

13.5265, 9.1166,
9.3954

45.2289, 35.5930,
37.4294

7.8716, 4.8173,
4.8997

61.9267, 50.2260,
53.0181

4.0640, 2.1405,
2.1308

82.2987, 68.4035,
72.4264

1.7384, 0.6872,
0.6340

106.7101, 90.5097,
96.0728

0.4801, 0.0000,
0.0000

135.5264,
116.9291, 124.3759

0.0000, 0.0000,
0.0000

169.1129,

148.0462, 157.7543

207.8349,
184.2452, 196.6263

■ 21.3941, 15.4227,
16.0366

■ 21.3941, 15.4227,
16.0366

■ 19.6836, 12.9257,
12.6179

■ 23.4894, 18.5575,
19.9901

■ 18.3319, 11.0198,
9.7088

■ 25.9908, 22.3678,
24.4999

■ 17.3117, 9.6557,
7.2834


■ 28.9193, 26.8912,
29.5877


■ 16.5907, 8.7750,
5.3128


■ 32.2942, 32.1616,
35.2733


■ 16.1078, 8.2618,
3.7567


■ 36.1336, 38.2111,
41.5758

 16.0689, 8.2201,
3.6324

 40.4544, 45.0695,
48.5135

 45.2728, 52.7653,
56.1037

 50.6043, 61.3257,
64.3631

 56.4636, 70.7763,
73.3078

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.5595, 15.4227, 25.8533



21.3941, 15.4227, 16.0366



20.2254, 15.4227, 9.2222

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.3941, 15.4227, 16.0366



11.6986, 15.4227, 6.1854



12.1026, 15.4227, 36.7583

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.3941, 15.4227, 16.0366



21.9198, 30.7185, 29.9750

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.2206, 15.4227, 27.6671



21.3941, 15.4227, 16.0366



10.0113, 15.4227, 10.1431

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.3941, 15.4227, 16.0366



14.3924, 15.4227, 4.9211



9.5101, 15.4227, 17.5722



14.9285, 15.4227, 40.0240

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.3941, 15.4227, 16.0366



18.5513, 15.4227, 6.6131



9.5101, 15.4227, 17.5722



11.3529, 15.4227, 34.1558

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.3945, 15.4235, 16.0369



54.0012, 51.5984, 56.7439



20.8960, 14.6946, 37.3322



11.5501, 10.8821, 11.9719



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.3945, 15.4235, 16.0369



34.9836, 22.7639, 22.0401



21.6942, 17.7930, 10.6795



7.1561, 7.1189, 7.8084



12.1760, 6.2265, 2.8515



0.2756, 0.1387, 0.1641

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.3945, 15.4235, 16.0369



34.9836, 22.7639, 22.0401



21.1641, 26.0336, 39.5067



7.1561, 7.1189, 7.8084



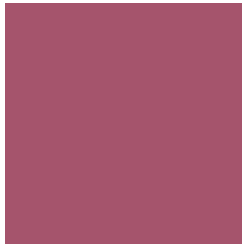
12.1760, 6.2265, 2.8515



0.2756, 0.1387, 0.1641

Previews

White Background



This preview shows how the XYZ color 21.3941, 15.4227, 16.0366 looks on a white background.

Color Contrast Check

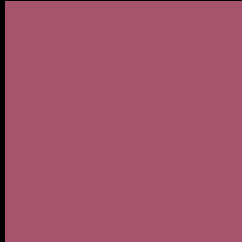
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.3941, 15.4227, 16.0366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

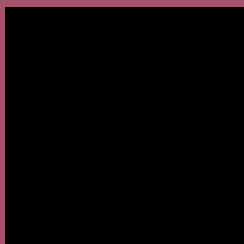
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3941, 15.4227, 16.0366

Background



This preview shows how black text looks on a background with the XYZ color 21.3941, 15.4227, 16.0366.



This preview shows how white text looks on a background with the XYZ color 21.3941, 15.4227,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.3941, 15.4227, 16.0366

Protanopia

15.2281, 15.5555, 20.9388

Deuteranopia

15.8211, 15.5185, 15.2582



Tritanopia

20.6938, 15.4992, 12.2569

Trichromacy



Original Color

21.3941, 15.4227, 16.0366

Protanomaly

16.8804, 15.0895, 19.1624

Deuteranomaly

17.3987, 15.1586, 15.3735

Tritanomaly

20.8422, 15.4299, 13.4350

Monochromacy



Original Color

21.3941, 15.4227, 16.0366

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.8282, 15.2584, 16.8101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3941, 15.4227, 16.0366 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(165, 84, 108)` looks like.

```
.text, #text, p{  
    color:rgb(165, 84, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(165, 84, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 84, 108) }
```

Border

The CSS property to change the border of an element to XYZ 21.3941, 15.4227, 16.0366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 84, 108) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(165, 84, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(165, 84, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 84, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 84, 108);  
box-shadow:4px 4px 4px 4px rgb(165, 84,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3941, 15.4227, 16.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 84, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(165, 84,  
108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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